Public Works (189) Department.

G.O., No. 7213 I
7123

DATED 18 August 1899

17/8/99

100 3. 30 copies
38/1 with docket at the back

[Despatch Abstract.]

Kumathore offtake, Periyar Project, Madura Dt

The estimate, amtg to Rs 2940, for certain works ~~in connection~~ to the — sanctd, with remarks

Kumathore offtake, Periyar Project, Madura Dt — Ordered that a copy of the Proceedings be forwarded to the Govt of India, sanctioning the estimate, amtg to Rs 2940, for certain works to the —

J. E. I. 18/8/99

[P. W. 26. 200—19-7-99.]

IRRIGATION.
ACCOUNT.

Government (1899) of Madras.

PUBLIC WORKS.

Recd. } 1899. Enclosures

Regd. Spare copies

G.O., No. 721 I., 18th August 1899.

AUGUST.

Kunnathore Offtake, Periyar Project, Madura District

The estimate, amounting to Rs. 2,940, for certain works to the —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers:—

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 14th July 1899, No. 1045 M.D.

In G.O., No. 994 I., dated 10th November 1897, an estimate, amounting to Rs. 1,200, was sanctioned for excavating field channels from certain proposed pipe and masonry sluices in the Kunnathore offtake, 9th Branch channel, Periyár project.

2. A 6-inch pipe sluice on the right side of Kunnathore offtake at 3 miles 0 furlong and 100 feet and a 9-inch pipe sluice on the left opposite to it, are works proposed amongst them. These sluices and a field channel on the left side have been accordingly constructed in July 1898 at a cost of Rs. 160.

3. I forward a copy of letter No. 193 E., dated 1st March 1899, from Mr. Smyth, Special Executive Engineer, Madura. It will be seen that some lands, amounting to 20 acres and 10 cents on the right and 23 acres and 50 cents on the left side of the offtake are now found to be unirrigable owing to wrong information about the lands having been given to the Inspecting officer by the village karnam. This defect it is now proposed to rectify, and provision is made in the accompanying estimate for an additional 2-feet drop to be built at 3 miles and 1 furlong and for raising the low portions of the bank of the offtake above this up to drop No. 7 at an estimated cost of Rs. 235 and 1,600, respectively.

4. The pipe sluices (6″ and 9″) already built are found to be insufficient; these sluices are now proposed to be demolished and larger-sized pipe sluices (9″ and 12″) on the right and left side of the offtake built; the estimated cost of these sluices is Rs. 165. Two additional field channels are required and provision is made in the estimate for excavating them at a cost of Rs. 148, also for compensation amounting to Rs. 332, for lands to be taken up for these two channels.

5. The proposed expenditure is necessary for the full development of the channel and I recommend the estimate.

Enclosure.

Report to accompany the estimate for constructing a 2-feet drop at 3 miles 6½ furlongs and raising banks above the same.

	RS.
Amount of estimate	2,450

The Kunnathore offtake was wrongly marked on the village plan of Thamarapatty by the village karnam and consequently portion of S. Nos. 1064 to 1072 originally supposed to be irrigable are now found to be unirrigable on both sides of the offtake as may be seen from the accompanying sketch. Of the lands auctioned it is now found that 20 acres and 10 cents on the right flank and 23·50 acres on the left side (making a total of 43·60 acres) are found unirrigable.

The lands have fetched nearly Rs. 3,000 in public auction. To command these lands it is now proposed to construct a 2-feet drop at 3 miles 1 furlong and raise the low banking above the same as per accompanying plan and section.

As the soil with which the bund is to be formed is not good, a top width of 4 feet and a rear slope of 3 to 1 is provided.

A 9-inch pipe sluice in right bank and an one-foot pipe sluice in left bank will be constructed for the irrigation of these lands. The existing 6″ and 9″ pipe sluices will be dismantled and the materials used for the new sluices.

The proposed field channel will, besides commanding the unirrigable portion (43·60 acres) of the waste lands already auctioned, irrigate 10 acres of additional waste lands which will fetch a price of Rs. 750 in public auction and the estimate is therefore recommended for sanction.

The work will be carried out in accordance with the standard specification current in the department.

Madura,
1st March 1899.

(Signed) T. W. S. SMYTH,
Ex. Engr., Special Periyár Divn.

No. 160 I.

Note by the Chief Engineer for Irrigation.

The correspondence submitted by the Superintending Engineer, VI Circle, with his letter, No. 1045 M.D., dated 14th July 1899, shows that an area of 43·6 acres of land under the Kunnathore offtake of the Periyár project has been sold as irrigable land, whereas it has been discovered that the land is not irrigable without the further expenditure of Rs. 2,450 for which an estimate is now submitted.

2. The mistake is attributed to the karnam having marked the existing channel wrongly on the village map. Any mistake should have been discovered by the subordinate who aligned the channel and made the first estimate.

3. The works now proposed will not only render the 43·6 acres irrigable, but will bring under command an additional 10 acres. The mistake renders useless two sluices constructed at a cost of Rs. 160, but apart from this the works proposed are estimated to return 27 per cent. on their cost and may therefore be sanctioned.

4. There have been several well-founded complaints of the delay in making channels to the lands which have been sold. This estimate should have been treated as very urgent, but it is observed that it has been kept for nearly 4½ months in the Superintending Engineer's office and it is now too late to get the work done in time to allow of the land being cultivated this year.

7th August 1899.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

Order—No. 721 I., dated 18th August 1899.

The following estimate is sanctioned :—

Capital Expenditure not charged to Revenue.
49. Irrigation.
Periyár Project.
Open Capital Account.
3. Distributaries.
9th Branch Channel.
Remunerative Work.
Kunnathore Offtake.

Constructing a 2-feet drop at 3 miles 1 furlong, raising banks above the same and constructing sluices and excavating field channels.

	RS.	RS.
2. Land—		
1. Compensation for land	332	332
3. Works—		
2. Two-feet drop	235	
3. Twelve-inch pipe sluice	75	
4. Nine-inch pipe sluice	60	370
4. Earthwork—		
5. Banking and excavating field channels	1,748	1,748
Total, I. Works		2,450
II. Establishment ...		487
III. Tools and plant ...		3
		2,940

2. This sanction is registered as No. 50 I. of 1899–1900, and will expire on the 31st March 1901.

3. The Superintending Engineer's attention is drawn to the remarks in paragraphs 2 and 4 of the note by the Chief Engineer for Irrigation.

4. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 722 I., dated 18th August 1899.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Superintending Engineer, VI Circle, with six enclosures.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

H.E.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Kunnathore Offtake, Estmt. for constructing a two feet sl[illegible] ... 3-1 raising banks above — and constructing sluices and excavating field channels.

UNDER date the

READ the following

Letter from the Supg: Engineer 6th Circle No 1045 M.D. dated 14th July 1899.
No 160 Idy 9-8-99

Print & Report

Note by the Chief Engineer for Irrgn.

The correspondence submitted by the Superintending Engineer, 6th Circle, with his letter, No 1045 M.D. dated 14th July 1899. shows that an area of 43·6 acres of land under the Kunnathore offtake of the Periyar project has been sold as irrigable land whereas it has been discovered that the land is not irrigable without the further expenditure of Rs2450 for which an estimate is now submitted. ~~The mistaken sale is attributed to a mistake of the Kurnams when pointing out the land to the inspecting officer~~

40

Issue
WH
15.8.99

F.E.I.

2. The mistake is attributed to the Kurnam having marked the existing channel wrongly on the village map - Any mistake should have been discovered by the Sub-divisl. who aligned the channel and made the ~~[illegible]~~ first estimate.

3.

Officer. The works now proposed will not only render the 43·6 acres irrigable but will bring under command an additional 10 acres. The mistake renders useless two sluices constructed at a cost of Rs 160 but apart from this the works proposed are estimated to return 27 per cent on their cost and may therefore be sanctioned

<u>Order thereon</u> 721 L.M. 8.8.25

The following estimate is sanctioned:—

Capital expenditure not charged to Revenue.

49 Irrigation

Periyar project

Open Capital account

3. Distributaries

9th Branch channel

Remunerative Work

Kunnathore Offtake.

Constructing a two feet drop at 3 miles 1 fur, raising banks above the same and constructing sluices and

4. There have been several well founded complaints of the delay in making channels to the lands which have been sold. This estt. should have been treated as very urgent but it is observed that it has been kept for nearly ~~3½~~ 4½ months in the Superintending Engineer's Office and it is now too late to get the work done in time to allow of the land being cultivated this year.

A.S.H.

A.S.H.

and excavating field channels.

2 Land

	Rs	
1 Compensation for land	332	Rs
		332
3 Works		
2. 2 feet drop	235	
3. 12" pipe sluice	75	
4. 9" pipe sluice	60	
		370
4 Earthwork		
5. Banking and Excavating field channels	1,748	
		1,748
Total I Works		2450
II Establishment		487
III Tools and plant		3
		2,940

2. This sanction is registered as No 50 I of 1899-1900 and will expire on the 31st March 1901.

3. The Supt. Engineer's attention is drawn to the remarks in paras 2 and 4 of the note by the C.E. for Irrign.

A.E.H.

4 3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

A.E.H. 14.8.99

5 8

No. 722 I. 18.8.99

Endorsement

Forwarded

W.H. 7.8.99

To

The Supg. Engr. 6th Circle with 6 enclosures
The Chief Engr. for Irrign.
The Examiner P.W. Accts

Despd. 18/8/99

5/8/99

4.8.99.

Public Works (1899) Department.

Urgent

CURRENT No. 6798

Order

From

The Chief Engineer for Irrigation

No. 1608

Dated 7-8-99.

Received } 18-8-99

Registered }

Enclosures 6. plans - nil 5 } Total
others - 3 } 8

Spare copies.

SUBJECT.

Kunnathore offtake - Estimate of Rs 2940 for constructing a 2 ft drop at 3 m, 1 fur, raising banks above the same in the — + constructing sluices and excavating field channels - Note recommending with remarks for sanction the —

CS/

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Public Works (1899) Department.

CURRENT No. 64 M.D.

Order

From

The Supg Engineer
W Circle

No. 1045 M.D.

Dated 14 July 1899

Received
Registered 17 - do -

Enclosures 7 ✓

Spare copies

SUBJECT.

Kunnathure off take — Submitting for sanction an Este of Rs 2450 for Consty. a 2 ft. drop at 3 m 1 fur and raising the banks above the same in —— & excavating field channel.

D.E.J.

K.C.S. 20/7/99

J.B. 18/7

J.B. 19/7

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Report to accompany the Estimate for constructing a 2 ft Drop at 3 mile 6½ furlong and raising banks above the same.

SUPG. ENGINEER'S OFFICE
No.............
3 MAR. 1899
P.W.D.
SIXTH CIRCLE.

Amount of Estimate Rs 2450

The Kunnathur Offtake was wrongly marked on the Village plan of Thamarapatty by the Village Kurnam and consequently portion of S. No. 1064 to 1072 originally supposed to be irrigable are now found to be un-irrigable on both sides of the offtake as may be seen from the accompanying Sketch. Of the lands auctioned it is now found that 20 Acres and 10 Cents on the right flank and 23·50 Acres on the left side (making a total of 43·60 Acres) are found unirrigable.

Enclosures
1. Est
1. site survey
2. Section
2. Tracing plan

5/6

3 $p

The lands have fetched nearly Rs 3000 in public Auction. To command these lands it is now proposed to construct a 2 ft drop at 3 m. 1½ fur. and raise the low banking above the same as per accompanying plan and section.

As the soil with which the bund is to be formed is not good a top width of 4 feet and a rear slope of 3 to 1 is provided.

2/64 M.D.

A 9" pipe Sluice in right bank and an 1 foot pipe Sluice in Left bank will be constructed for the irrigation of these lands. The existing 6" & 9" pipe Sluices will be dismantled and the materials used for the new sluices.

The proposed field channel will besides commanding the unirrigable portion (43.60 Acres) of the waste lands already auctioned irrigate 10 Acres of additional waste lands which will fetch a price of Rs 750 in public Auction and the estimate is therefore recommended for Sanction ~~the probable return being about twenty per cent.~~

The work will be carried out in accordance with the Standard Specification Current in the Department.

[illegible]
Executive Engineer
Spl: Periyar Division
Madura
~~2-99~~
1.8.95

[illegible]

not to print

Letter from J. W. S. Smyth Esqre, Executive Engineer, Periyar works, Madura to the Superintending Engineer, 6th Circle, Trichinopoly, dated 1st March 1899. No 193-E.:—

17 JUL 1899
1/64 M.D.

Enclosures.
1 Estimate
1 site survey.
2- Sections
2 Tracings-
6

In submitting the Estimate of Rs 2,450 for building a 2 feet drop in the Kunuthur offtake to command some land sold through a mistake, I have the honor to remark that the slight slip that may have been made by the Kurnum by mistaking the northern boundary of Survey No 1068 for the Southern when pointing out the lands to the inspecting Officer would quite account for the error in describing the lands as irrigable.

The mistake is a regrettable one

as

as it has given the purchaser cause for complaint.

The revenue that will accrue from the work (taking it for granted that unless the work is done the 43·60 acres of land sld will lapse into waste and its price be refunded) will be as follows:—

53·60 acres wet land double crop at 7 Rs 375
4% on Rs 3,750 the price of the above Rs 150

Total Rupees. 525

or 27 per cent on the amount of the estimate which is therefore recommended for sanction.

The soil of which the banks above will be composed is sandy and salt and the late acting Chief Engineer's orders were to make such banks with 3 to 1 slopes. Drop No. 7 being only a short distance above the bank

has

Works Office for alteration 18/8/99 R by W.A. 9/99

Note & orders 3.30 P.m.

Office.

As soon as this is sanctd send a manuscript copy at once to the G.E. with the Estes

(Intd) W.A.

7.8.99

has not to be carried far.

|True copy|

O. V. Bradley Lieutt. Col. R.E.

Supg. Engineer, 6th circle.

14.7.99.

[illegible] 11/7/99

PWE 8
6798/99

Enclo No. 7 to S. E 6th No. ——
14-7-99

No. 1045 M.D. Rent Supg Engineer's office, VI Circle

Trichinopoly. 14th July 1899.
8/15.

From

Lt Col. C. T. Boddy R.E.
Superintending Engineer
VI Circle

To

[illegible] 17 JUL. 1899 64 M.D.

The Chief Engineer
for Irrigation

Sir,

Enclos: 7 Flag B

In G.O. No: 994 I dated 10 November 1897, an estimate amounting to Rs 1200 was sanctioned for excavating field channels from certain proposed Pipe & Masonry sluices in the Kunnathur offtake, 9th Branch Channel, Periyar Project.

18

2. A six inch pipe sluice on the right side of Kunnathur offtake at 3 miles 0 furlongs & 100 feet and a nine inch pipe sluice on the left opposite to it, are works proposed amongst them. These sluices and a field channel on the left side have been accordingly constructed in July /98 at a cost of Rs 160.

3. I forward a copy of letter No: 193 E. dated 1st March 1899 from Mr: Smythe, Special Executive Engineer, Madura; it will

be seen that some lands amounting to 20 acres and 10 cents on the right and 23 acres and 50 cents on the left side of the offtake are now found to be un-irrigable owing to wrong information about the lands having been given to the Inspecting officer by the Village Kar-nam. This defect it is now proposed to rectify and provision is made in the accompanying estimate for an additional 2 feet drop to be built at 3 miles+1 furlong and for raising the low portions of the bank of the off-take above this up to Drop No: 7 at an estimated cost of Rs 235 and 1600 respec-tively.

4. The pipe sluices (6"x9") already built are found to be insufficient — these sluices are now proposed to be de-molished and larger sized pipe sluices (9"x12") on the right and left side of the offtake built, the estimated cost of these sluices is Rs 165. Two additional field channels are required and provision is made in the estimate for excavating them at a cost of Rs 148, also for Com-pensation amounting to Rs 332 for lands

to be taken up for these 2 channels.

5. The proposed expenditure is necessary for the full development of the channel and I recommend the estimate.

I have the honor to be,

Sir,

Your most obed't Servant,

O. V. [illegible] Lt Col. R.E.

Supg Engineer, [illegible] Circle

Enclosures 7

1 Estimate
1. Site Survey
2 Sheets of Section
2. Plans
1. Copy of E. E. letter No. 193 E. / 1-3-82

[illegible] 14/7/82

PwE1
679.8/99